

Electronic Acknowledgement Receipt

EFS ID:	2122391
Application Number:	10821827
International Application Number:	
Confirmation Number:	1400
Title of Invention:	Method and apparatus for channel estimation in radio systems by MMSE-based recursive filtering
First Named Inventor/Applicant Name:	Robert Denk
Customer Number:	31625
Filer:	Laura C. Brutman/BETSY ROSADO
Filer Authorized By:	Laura C. Brutman
Attorney Docket Number:	068758.0185
Receipt Date:	24-AUG-2007
Filing Date:	09-APR-2004
Time Stamp:	15:42:37
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$520
RAM confirmation Number	715
Deposit Account	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)

1		L0099_0003.pdf	292650 5cae524d95a1ea0a57db7bcb2a7403ff 9550e978	yes	9
Multipart Description/PDF files in .zip description					
Document Description		Start		End	
Extension of Time		1		1	
Amendment - After Non-Final Rejection		2		3	
Claims		4		7	
	Applicant Arguments/Remarks Made in an Amendment		8		9

Warnings:**Information:**

2	Fee Worksheet (PTO-06)	fee-info.pdf	8371 b0d74b5ea99aaff564577612f0302607 c050e978	no	2
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Warnings:**Information:**

Total Files Size (in bytes):	301021
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New Applications Under 35 U.S.C. 111.

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office.

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.